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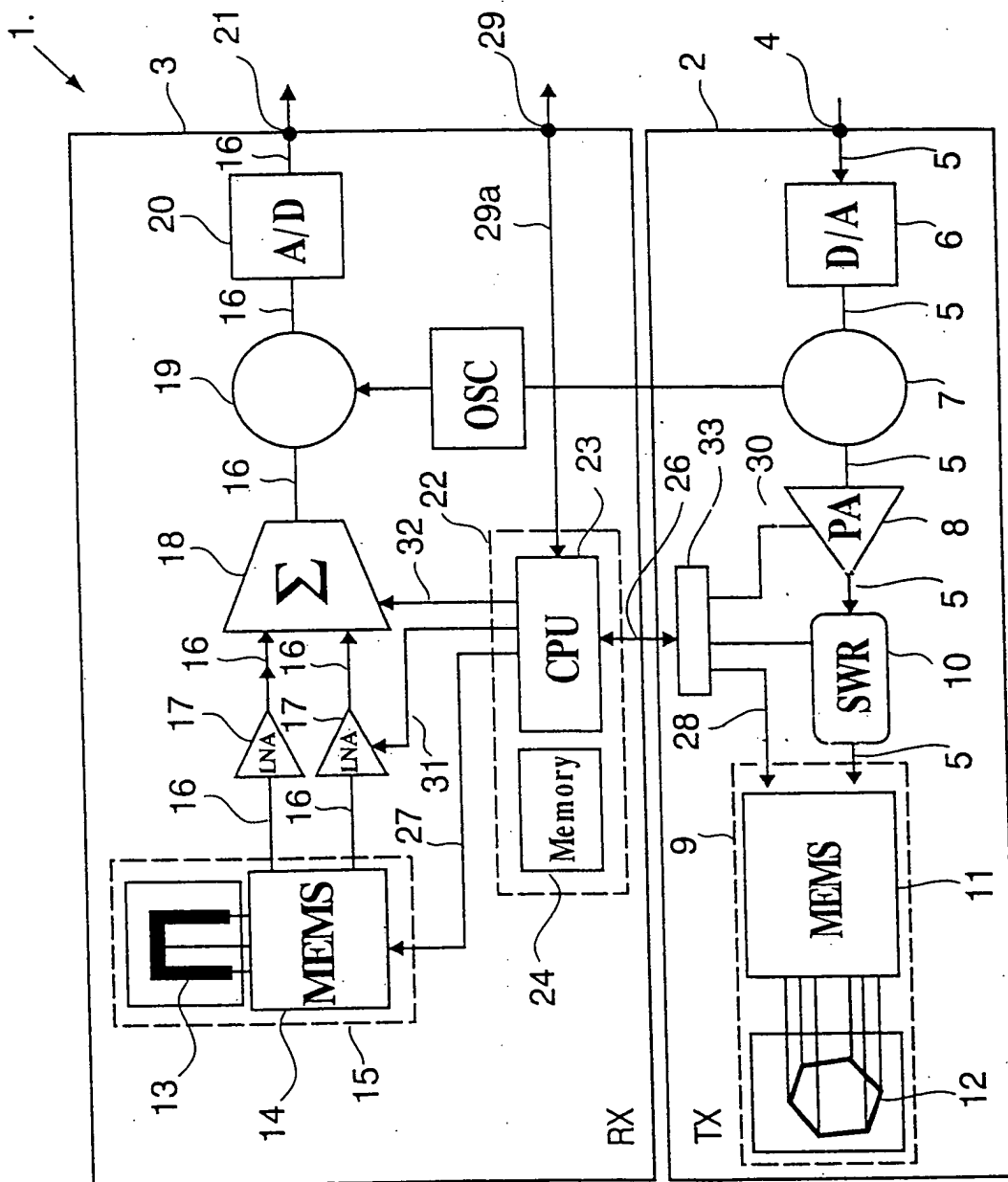


Fig. 1

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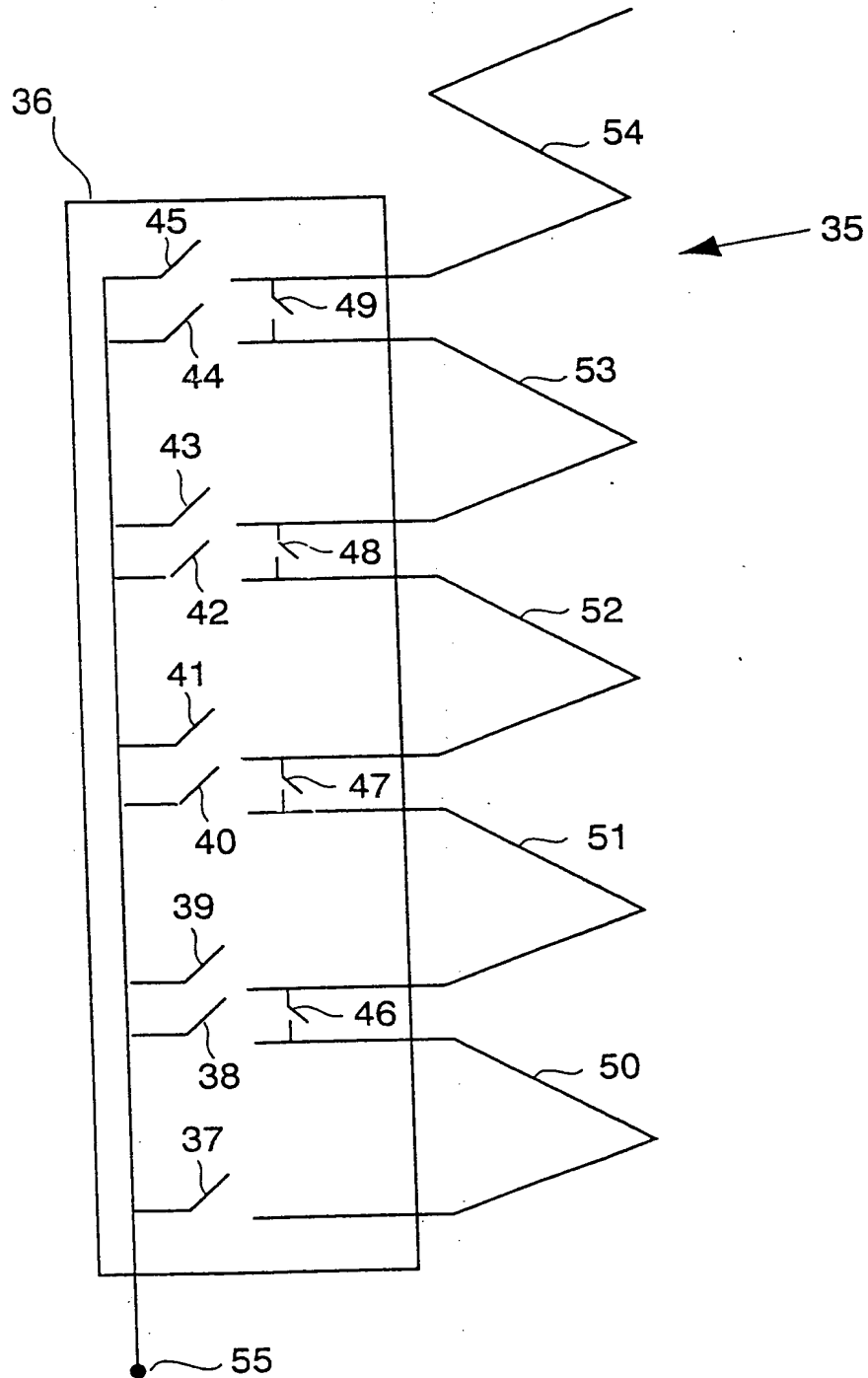


Fig. 2



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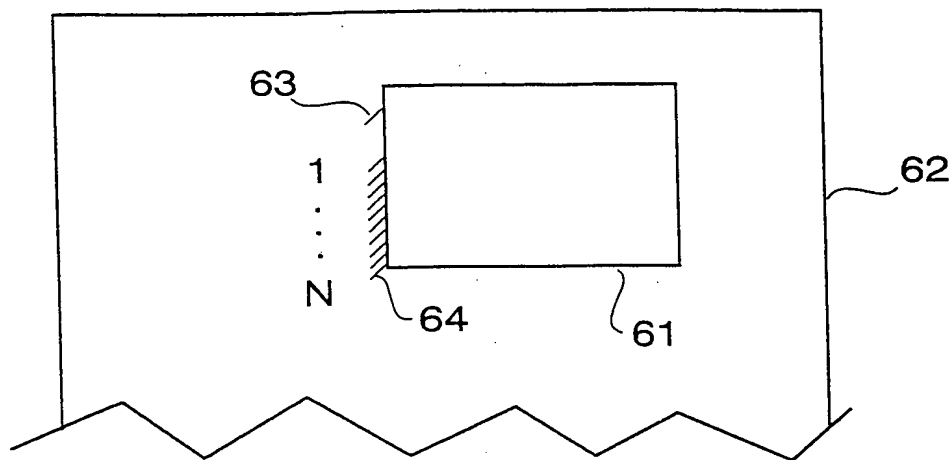


Fig. 3

N states

State i, $i=1$, set threshold

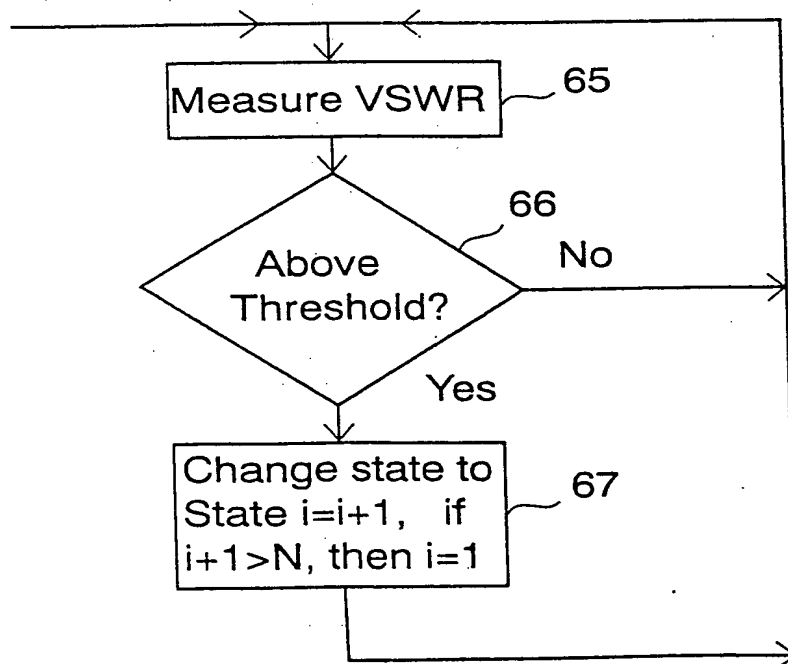
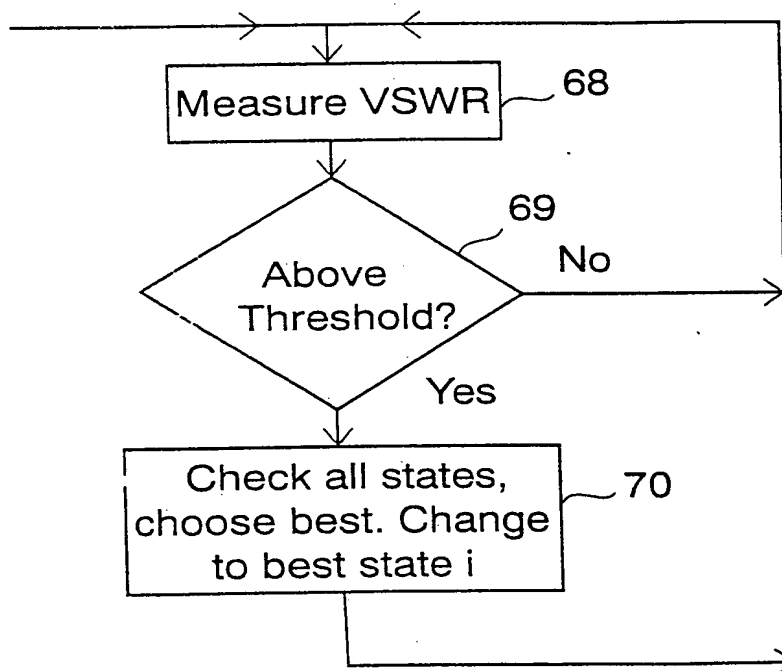


Fig. 4



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N states,
State i, $i=1$, set threshold

**Fig. 5**



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N states,
State i, $i=1$, $VSWR_{old}=0$, $change=+1$

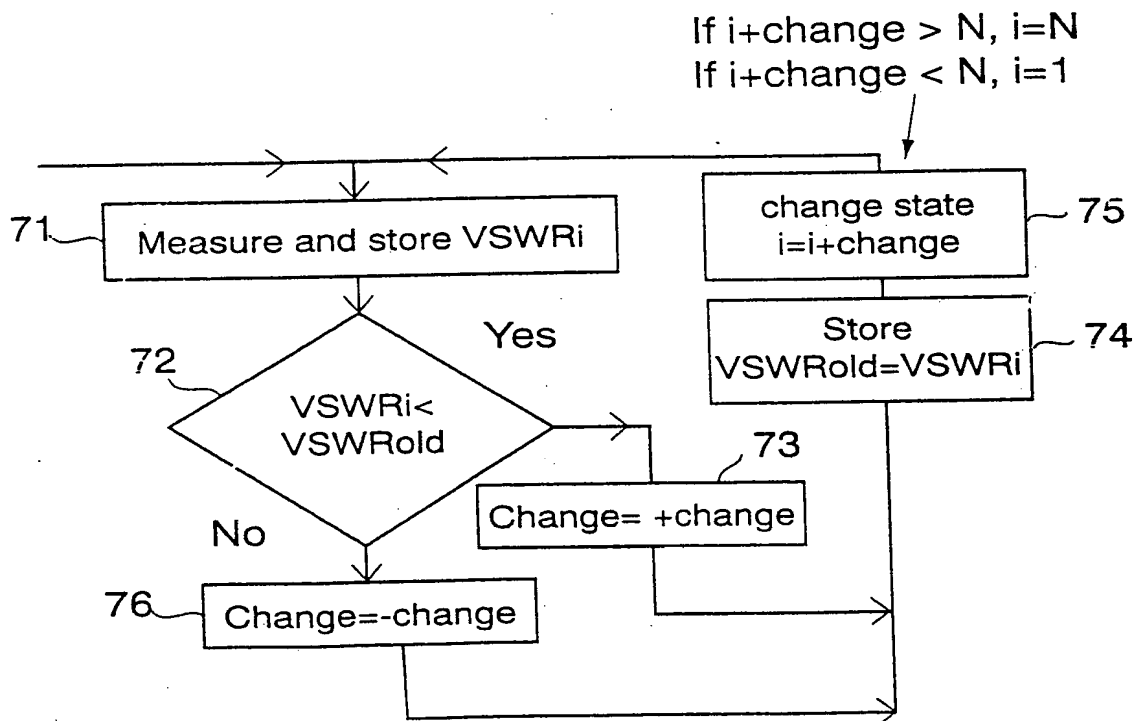


Fig. 6

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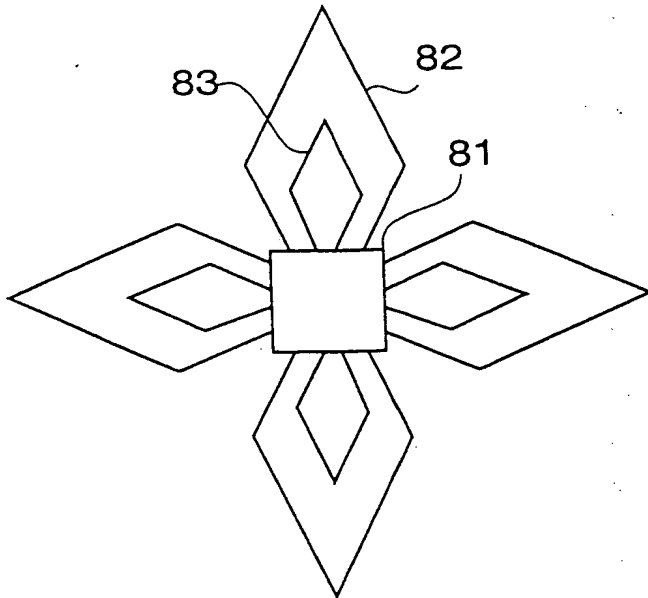


Fig. 7a

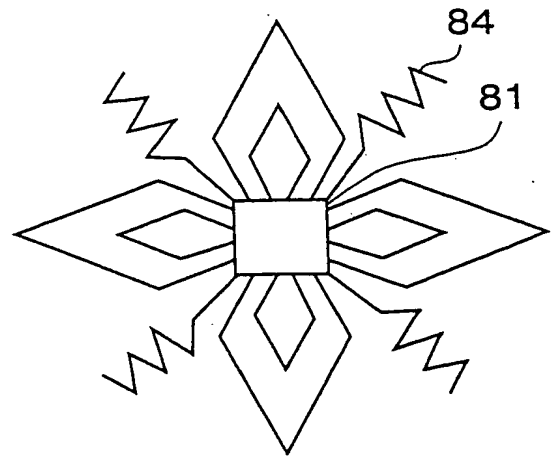


Fig. 7b

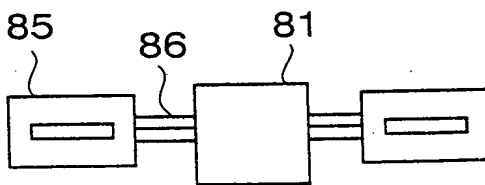


Fig. 7c

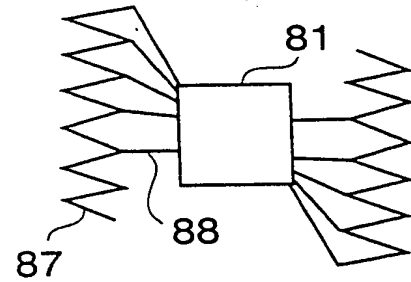


Fig. 7d

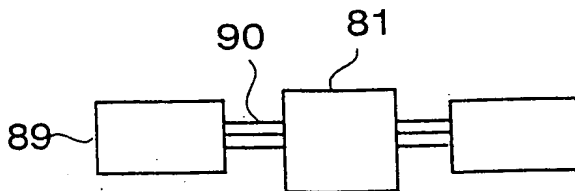


Fig. 7e

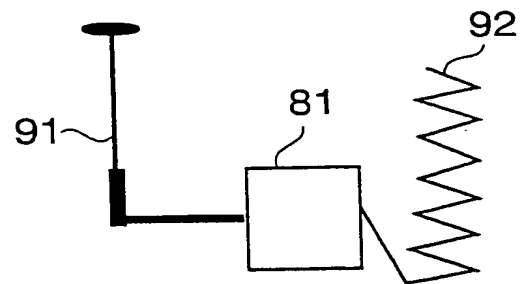


Fig. 7f